



Interagency Agreement Related to Classifications and Inventories of Natural Resources



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Memorandum

To: Interested Agencies, Organizations, and Persons

From: Members of the Interagency Agreement Related to Classification and Inventories of Natural Resources

Subject: Information Report No. 2

Enclosed is a progress report on actions underway and completed relative to the Interagency Agreement. The report describes background and content of the Agreement, subjects covered, goals and accomplishments, and outside involvement.

Because members of the Agreement wish to keep interested parties informed, future reports will be based on the quarterly meetings of the Policy Group. Review and comments will be solicited on proposed methods and procedures prior to their approval in final form. Your interest and assistance is vital to the success of this endeavor.

Ed Hansen 2/2/81
Director, Bureau of Land Management

Doug Reis 2/5/81
Chief, Forest Service

Doyle A. Frederick FEB 2 1981
Director, Geological Survey

J. Eugene Austin 2-3-81
Director, Fish and Wildlife Service

David B. Upton 4/9/81
Chief, Soil Conservation Service

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Denver, Colorado



88012865

INTERAGENCY AGREEMENT RELATED TO CLASSIFICATIONS
AND INVENTORIES OF NATURAL RESOURCES

INTRODUCTION

This report summarizes the second years activities resulting from the Interagency Agreement Related to Classifications and Inventories of Natural Resources (herein referred to as the Five-Agency Agreement or Agreement). The report restates the Agreement background and purpose, discusses the updated organizational structure, and presents accomplishments. Future reports, issued quarterly, will contain summaries of progress, short range plans, and minutes of Policy Group Meetings.

Background and Purpose

The Interagency Agreement (Attachment 1) resulted from the mutual need of the five agencies for standardized natural resource data collection procedures; for Federal and State coordination in data collection efforts; and for the exchange of this information between Federal and State agencies. This need is reflected in various pieces of legislation such as:

<u>Legislation</u>	<u>Affected Agency</u>
Organic Act of 1879	U.S. Geological Survey
Fish and Wildlife Act of 1956	Fish and Wildlife Service
Certain 1977 Amendments to Clean Water Act	Fish and Wildlife Service
Federal Land Policy and Management of 1976	Bureau of Land Management
The Forest and Rangeland Renewable Resources Planning Act of 1974 (RPA)	Forest Service
The Forest and Rangeland Renewable Resources Research Act of 1978	Forest Service
The Soil and Water Resources Conservation Act of 1977 (RCA)	Soil Conservation Service

This effort also responds to directions to the Secretaries of Agriculture and Interior relating to coordination of natural resource programs contained in the President's Environmental Message of August 2, 1979. The President also directed the Secretaries to cooperate fully in the National Assessment and Appraisal of Renewable Resources called for by the RPA and RCA.

Collectively, these laws direct the Departments of Agriculture and Interior to: (1) prepare and maintain continuous resource inventories; (2) coordinate and cooperate with other resource agencies and organizations to avoid duplication of inventory and planning efforts; (3) determine the changes in status and condition, both current and potential, of the resources base; (4) determine resource interactions and management alternatives; and (5) submit periodic assessment reports of the natural resources of the Nation. Thus, the importance of cooperation and coordination among those Federal agencies which collect most of the Nation's basic renewable resource data is evident.

Organizational Structure

The present Agreement organizational structure was formed in August 1979. Figure 1 illustrates the Agreement structure including the liaison with the Resources Evaluation Techniques Program (RET) in Fort Collins, Colorado. It includes a permanent Policy Group, a permanent Program Coordination Group, research support focused at RET and part-time Technical Work Groups as outlined below. Attachment 2 lists the Policy Group, the Program Coordination Group, State representatives, and other participants. Attachment 3 lists Technical Work Group members.

Policy Group

The responsibility of the Policy Group is to carry out the coordination required by the Five-Agency Agreement. Two representatives are appointed from each agency. Beginning in FY 81 the Policy Group will meet quarterly. The Policy Group is responsible for reviewing policy, making Agreement decisions, obtaining Agency Head approval of major agreed-upon action, identifying coordination needs, and setting priorities and schedules.

Program Coordination Group

The Policy Group is given staff support by the Program Coordination Group, consisting of one or more representatives from each agency. This group meets several times monthly to identify major coordination issues, initiate action items, organize Technical Work Group support, coordinate with RET, monitor technical assignments, and coordinate program relationships and outside technical reviews and comments. Like the Policy Group, the Coordination Group meets primarily in Washington, D.C.

Research Support

Members of the Agreement are coordinating their research and development efforts that address classification and inventory objectives outlined in the Agreement. The focal point for research support is the RET Program in Fort Collins, Colorado. This program is located with the Rocky Mountain Forest and Range Experiment Station of the Forest Service and includes interagency participation. The five agencies, through the Policy Group, provide advice and consultation to the Station Director on research priorities and direction which are translated into cooperative research. More detail about RET activities are described under the Progress and Plans section.

Technical Work Groups

In contrast to the permanent nature of the preceding three efforts, part-time groups also are established. These Technical Work Groups consist of persons with special technical expertise. They are formed as needed by the Policy Group to clarify the nature of specific problems and to organize and conduct required studies and evaluations. These groups address broad problems and contribute agency perspective and technical expertise in carrying out specific studies or other problem-solving activities.

Subject Areas

Four major subject areas have been derived from the 16 topics listed on page 2 of the Agreement (Attachment 1): (1) classification (2) common terminology (3) inventory methods, and (4) information management. Each of these subject areas is addressed by a separate Work Group (figure 1). The goals and rationale for each subject area is as follows:

Classification: (Goal: Develop and implement interagency classification system.) Sharing renewable resource information requires a common framework in which information about the land's characteristics can be organized. A classification system consisting of four components (i.e., soil, vegetation, water, and landform) is being developed and other approaches (i.e., integration) are being explored.

Common Terminology: (Goal: Develop and use common terminology basic for interagency exchange of inventory information.) After interagency classifications are available, consistent terminology must be used in the classification process as well as in inventory methods and for information management. Data can not be readily exchanged or aggregated without the use of common definitions.

Inventory Method: (Goal: To use compatible inventory techniques to the highest degree possible.) Needed are common inventory techniques that generate compatible data which can be aggregated, disaggregated and readily exchanged. Inventory standards are the core of the Agreement and specify what and how the commonly defined data elements will be generated.

Information Management: (Goal: Develop standards and methods to facilitate data exchange.) This element deals with the way data are stored, tabulated, analyzed, and exchanged once collected.

PROGRESS AND PLANS

Activities of the Resources Evaluation Techniques (RET) Program

Mission

The basic mission of the RET Program is to maintain and improve capabilities for National inventories and analysis of renewable resources.

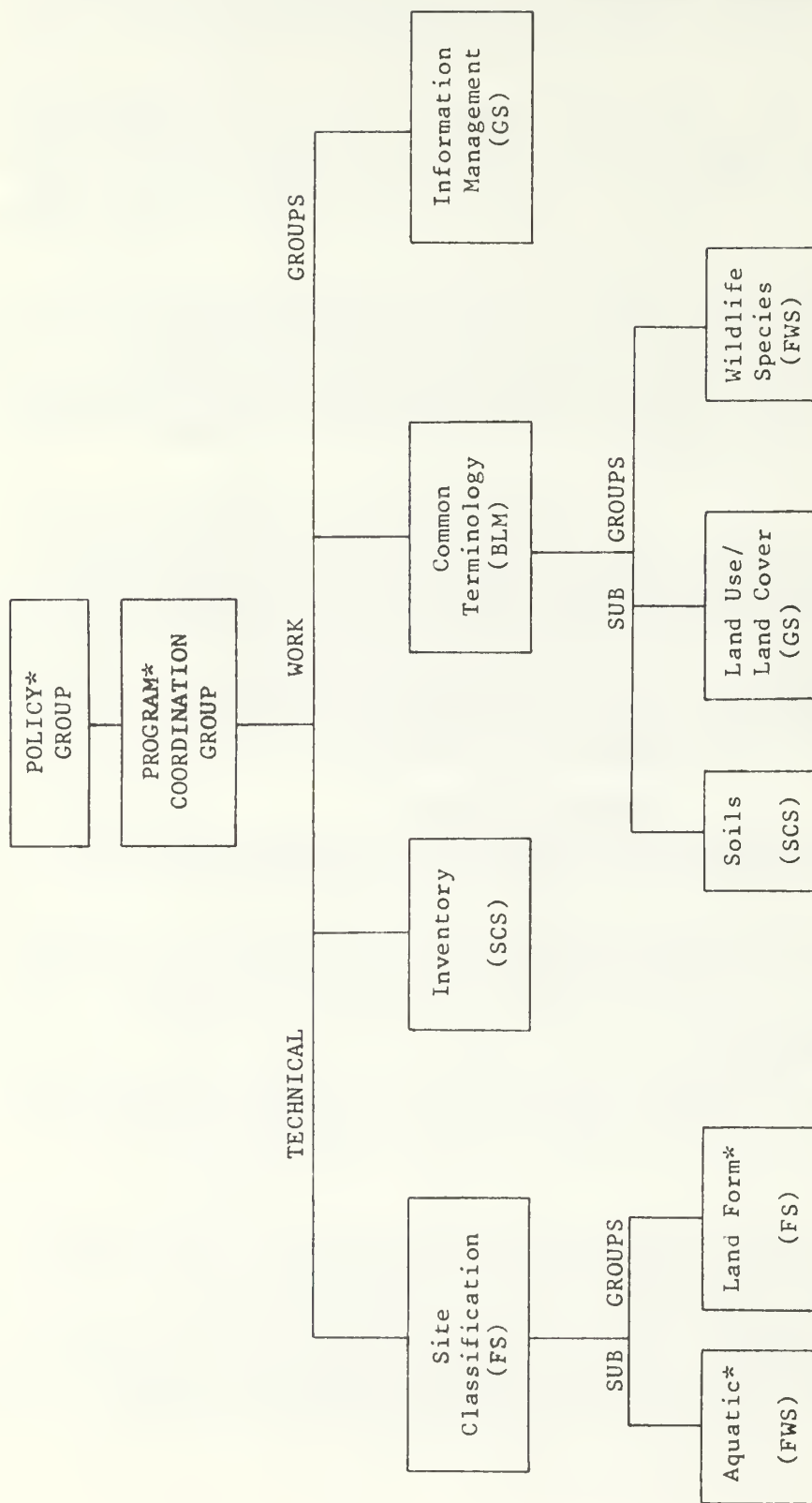
Major Problem Assignments

Five major problem assignments have been given to the RET Program by the Forest Service. At least one of these assignments has full Agreement backing while others have less direct Agreement implications.

- 1)* Develop a National Site (Land) Classification System.
- 2) Define kinds of information required for national and regional resource assessments.
- 3) Prepare a multipurpose resource inventory system.
- 4) Develop responsive analytical processes to interpret independence and interaction.
- 5) Develop an effective data management system or storage, retrieval, update, display, and user service.

*Conducted under full Agreement auspices.

Figure 1.--FUNCTIONAL STRUCTURE OF INTERAGENCY AGREEMENT FOR CLASSIFICATIONS AND INVENTORIES OF NATURAL RESOURCES



LEAD AGENCY

(BLM) Bureau of Land Management
 (FS) Forest Service
 (FWS) Fish and Wildlife Service
 (GS) Geological Survey
 (SCS).....Soil Conservation Service

*Denotes liaison with Resources Evaluation Techniques Program, Ft. Collins, Colorado.

These assignments are being accomplished through a program organization structure of four research work units, two research support groups, and interagency cooperative group, interagency coordination committees, and close ties to the Agreement structure. Figure 2 illustrates the organizational structure of the RET Program.

Accomplishments and future work

During FY 80 one of the responsibilities of the RET Program was to provide research support to the Agreement. Four agencies involved in the Agreement (Forest Service, Soil Conservation Service, Bureau of Land Management, and Fish and Wildlife Service) have assigned personnel to work with RET for the purpose of introducing and maintaining agency perspectives and needs in the research effort.

The RET Program is developing a four component site classification system to be used by all five agencies as a part of their basic classification activities. The four components are soil, vegetation, aquatics (water), and landform. Technical subgroups have been formed to develop the aquatic and landform components and procedures for testing. The accomplishments and plans for these two components are discussed further under their respective Technical Work Group accomplishments. The soils component consists of the soil taxonomy used by the National Cooperative Soil Survey and is widely accepted in the United States. Little additional effort is anticipated to incorporate this component into the system. The vegetation component is being developed by RET personnel.

A draft of the classification entitled "A National Site (Land) Classification System--Status and Plans" was widely distributed for review. Responses to the draft document were varied. The Policy Group made decisions and recommendations based upon this review. The following are certain of those decisions and recommendations.

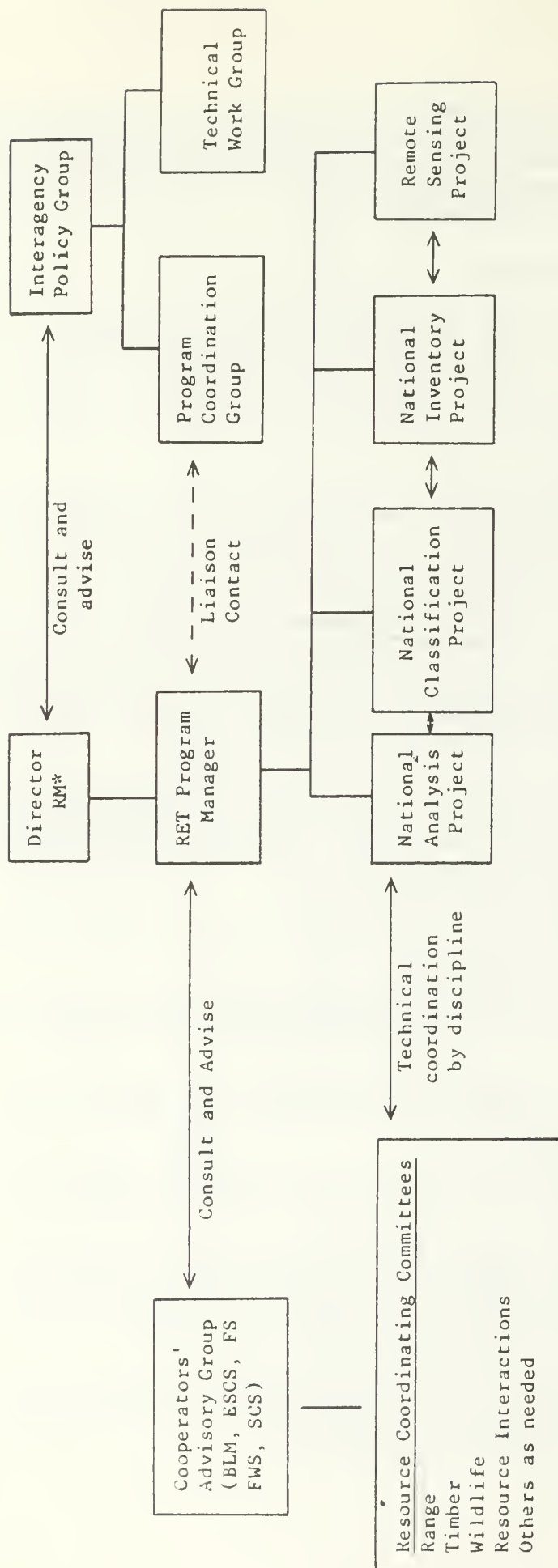
1. Expand the scope of the classification to include total land area not just forest and rangeland.
2. Relate current or existing vegetation to the proposed vegetation components either as a part of that component or a separate component.
3. The composition of the vegetation component will be based on canopy cover but production will continue to be used as a descriptor in the system.
4. The concept of integration and regionalization will be treated as uses of the classification system not as separate components.

Responding to the decision and recommendations of the Policy Group RET will prepare another draft document for review which will incorporate as many of the concerns as possible. A time table for completion of this second draft document has not been established. The document will be distributed for review when completed.

RET also will be responsible for the next step of the development process, i.e., the actual testing of the classification system as a whole including testing of the individual components.

See also 722

Figure 2.--ORGANIZATIONAL CHART--RESOURCES EVALUATION TECHNIQUES RESEARCH AND DEVELOPMENT PROGRAM



Concurrently with developing the classification system, RET is conducting an information needs assessment (INA) to specifically identify information needs for the Forest Service's RPA assessments. It is anticipated that this analysis will provide the basis for upgrading the essential information for interagency inventory coordination. This initial INA effort was expected to be completed by the end of 1980.

Technical Work Group Accomplishments

A listing of all Technical Work Group and Subgroup members is included in Attachment 3.

Classification

Site (Land) Classification Work Group.--

Objectives: To review and evaluate the proposed National Site (Land) Classification System developed by RET

Schedule: Framework for classification of aquatic component May 1980

Lower two levels of vegetation component and glossary of definitions October 1980

Initial evaluation of aquatic component October 1980

Review of framework for landform component October 1980

Status: Because this group serves mainly as a review board for products of the RET classification work unit, and of the Landform and Aquatic Subgroups, it will become active when new material is available. A status report including the vegetation component has been circulated for review. Also, the Aquatic component is being circulated for review.

Subgroup on Aquatic Component of the National Site Classification System (NSCS).--

Objectives: To develop a draft of an aquatic component suitable for use with the NSCS. This component is to be suitable for use by all five agencies in national inventories, assessments, and appraisals. It should deal mainly with water as a habitat, but it should also contain information for other uses as well.

Schedule: First Draft June 1980

Status: A final 1973 page draft was delivered to the RET on May 23, 1980. This classification component is scheduled for an initial evaluation in the RET Program by October 1980. Final testing will be completed by RET by October 1981.

Subgroup on Landform Component of the National Site Classification System (NSCS).--

Objectives: Develop the landform component of a four component classification system for renewable natural resources.

Schedule: Study Plan July 1, 1979
Objectives Identification October 31, 1979
Evaluation Criteria December 31, 1979
Literature Review March 31, 1980
Draft of Landform Component February 28, 1981

Status: The work group has maintained the schedule reported above. There have been numerous instances of travel problems and funding limitations, but these have not prevented the group from working and preparing progress reports for the Policy Group.

The approach of the working group has been to develop a procedure for evaluating existing systems in terms of their compatibility with the four component approach. At a meeting in Reston, Virginia, (April 1980) the first draft of the evaluation criteria was accepted with minor modifications. Work activity is progressing on schedule and deadlines remaining are expected to be met.

Inventory

Inventory Work Group.--

Objectives: Identify the inventory activities of the five agencies which deal with soil, vegetation, landform, and aquatic resources. This includes analyzing ongoing coordination, identifying inventories that could be readily coordinated, and making recommendations for further research and development of coordination efforts.

Schedule: The group initiated activities in May 1979 and completed their work by the end of calendar year 1979.

Status: This report was written and submitted to the Policy Group in August 1979. The group is on a standby basis for further work from the Policy Group as needed.

Common Terminology

Common Terminology Work Group.--

Objective: Maintain a list of common terms developed by the subgroups for soils, land use and land cover; and wildlife species names.

Schedules: Original goal was to complete a glossary of terms by June 1980, but this goal has been revised to accommodate new direction.

Status: On February 27, 1980, the Policy Group approved a restructuring of the Data Element Dictionary Work Group to the Common Terminology Work Group. No combined effort is anticipated by this group until Subgroup reports have been submitted and approved by the Policy Group.

Subgroup on Land Use and Land Cover Terminology.--

- Objectives:** To identify and define major land use and land cover terms used by two or more of the five agencies in inventory and/or assessment activities. Definitions of land use and land cover terms used by the agencies will be compiled to resolve differences unless legal constraints make this impossible.
- Schedule:** The group's initial meeting was held on March 26, 1980. Three subsequent meetings have been held. One on April 17, 1980 another on May 7 and 8, 1980 and August 11 and 12, 1980. A final meeting is scheduled for October 20-24, 1980.
- Status:** An initial list of land use and land cover terms used by each of the agencies was compiled. From this list a condensed list of those terms used by two or more agencies was compiled. This list will serve as the basis for the group's final report. The final report will consist of the list of recommended land use and land cover terms and definitions where there is five agency agreement and provide recommendations to the Policy Group when differences in definitions cannot be resolved.

Subgroup on Soils Terminology.--

- Objectives:** Serve as a pilot effort to identify and define terms used by two or more of the five agencies. Soil terms are to be considered by this group.
- Schedule:** Initiate activity May 1979 and complete glossary by June 1980.
- Status:** Soil Subgroup submitted a progress report to the Common Terminology Technical Work Group and presented it to the Policy Group in June 1979. Subgroup is being retained for further work on soils definitions.

Subgroup on Fish and Wildlife Species Names.--

- Objectives:** To document the scientific authorities used by the cooperating agencies for reptiles, birds, and mammals. To recommend a standard set of scientific references and develop a preliminary standard national list of fish and wildlife species names (common and scientific).
- Schedule:** The group's initial meeting is scheduled for May 21, 1980. A detailed course of action was developed at that meeting. A final report is due by late 1980.
- Status:** The work group recommended that Agency heads issue a policy statement that the species names of the following authorities be adopted for use under the Agreement pending final development and approval of lists under contract.

Birds American Ornithological Union Checklist and
it's supplements.

Fishes American Fisheries Society List of
Scientific and Common Names of Fishes

Mammals Jones, et. al., Mammals of North America

Amphibians The Society for the Study of Amphibians and
Reptiles List

It is recommended that the Resource Planning Act (RPA)
list fill in for geographic areas not covered by other
lists.

Upon the recommendation of the work group the Fish and
Wildlife Service has entered into a Cooperative Agreement
with the Association of Systematics Collection (ASC) to
develop a national list for mammals, birds, amphibians,
and reptiles within a 12-month period. ASC will also be
responsible for review, expansion, update, and publishing
the list over a 5-year period.

Finally the group recommended that it be authorized to
develop a 5-year plan for the review, update, publication
and dissemination of the national list of species names.

Information management

Information Management Work Group.--

Objectives: To identify, classify, and analyze the information
producing processes among the land and resource manage-
ment agencies and to develop standards and methods to
facilitate the exchange of data and information handling
process. In addition, liaison is maintained with Digital
Mapping Policy Committee of the Department of the
Interior which includes representatives of the five
agencies in the Agreement.

Schedule: The work group has used the "Report of the Technical Work
Group on Natural Resource Inventories, August 26, 1979"
as a starting point in analyzing the information manage-
ment practices in resource inventories. A report analyz-
ing information management processes within the five
agencies will be completed including recommendations for
standards and methods to facilitate the exchange of data
and information. The report is due in the fall of 1980.

Status: The work group has established a communications network
via electronic mail and has held five meetings. Data
compilation/matrix forms have been developed and sent out
to the five agencies for completion. After the forms are
completed the information will be analyzed and submitted
in a final report.

Influence of the Agreement on Agencies' Policies and Programs

The Agreement has received increasing attention both within the five agencies and from other Federal and State agencies during its second year. This reflects the need and the desire for the agencies concerned to coordinate their activities where appropriate. Generally, this too has resulted in two or more of the respective agencies coming together, not necessarily under Agreement auspices, at various times for various reasons to coordinate specific activities. Some specific examples follow.

Voice in Policies and Programs Within Agreement Agencies

Office of Management and Budget (OMB) Briefing.--On July 13, 1978 OMB budget examiners for the five agencies were briefed on the Agreement including its goals, objectives, and timetable. The examiners were generally supportive of the program. Copies of the first annual progress report were sent to them in August 1979.

Response to the President's Second Message on the Environment.--The President's Second Message was directed to the Secretaries of Agriculture and Interior. It requested improved coordination of the natural resources program between the two Departments with special emphasis on cooperation between the Bureau of Land Management and the Forest Service. The response to the President places the Agreement efforts in a responsible role in the area of program development relative to inventory coordination and data collection and urges the continuation and strengthening of Agreement activities.

Interest of Other Agencies in Joining the Agreement.--Requests were received from the Council on Environmental Quality, Heritage Conservation and Recreation Service, and Water and Power Resources Service to join the organization. These agencies have been invited to attend Policy Group meetings but not as full members.

Procedure for Describing Fish and Wildlife.--The Fish and Wildlife Service has developed what is called a "Procedure for Fish and Wildlife." This is a computerized system for storing State fish and wildlife data. The procedure has been applied in Pennsylvania and will be applied in Colorado in 1981. Both the Pennsylvania and Colorado data bases will be tested and evaluated for possible use by the agencies.

Cooperation with the States

The Council of State Planning Agencies (CSPA), an affiliate of the National Governors' Association (NGA), is the lead organization for Agreement coordination with the States. Also participating in this effort with CSPA are the Council of State Governments (CSG) and the National Conference of State Legislatures (NCSL).

CSPA developed a mailing list of about 500 individuals comprising State agency counterparts of the five Federal agencies, and other key natural resource-oriented policy and planning officials to the Governor. Every State was asked to designate a coordinator for comments. This past year, Information Report No. 1 and the draft of The National Site (Land)

Classification System have been circulated to the States for information and review. State responses have indicated both need and support for Agreement activities.

CSG has published the Resource Management Report, a bi-monthly newsletter reporting on Agreement activities and descriptions of State initiatives in renewable resource inventories and coordination. The newsletter has helped maintain a steady interest among States in the Agreement, and has been used to request summaries of State resource inventory and coordination activities. Articles describing multi-resource inventory programs in California, Colorado, Michigan, Minnesota, and Delaware have been featured. So far one State, California, has reported initiating an interagency agreement patterned after the Federal effort. The California agreement is between about ten State and eleven Federal agencies for the purpose of providing liaison, coordination, and cooperation between agencies involved with wildland resources in California.

NCSL has also been keeping its State legislative constituency informed of Agreement progress through The N.R.I.S. Newsletter published bi-monthly. A detailed briefing for the Legislative Commission on Minnesota Resources (LCMR) is planned to provide a more concise legislative viewpoint on the interagency project.

Next year CSPA, CSG, and NCSL plan to continue these important information liaison functions with State governments. In addition, CSPA will be conducting case studies in at least two States to document initiatives in multi-resource inventories and coordination that can assist Agreement activities and support RPA and RCA in the States.

Development of Interagency Inventory Coordination in the Field

Maine.--An interagency multi-resource inventory is being conducted jointly by the Soil Conservation Service and Forest Service in Maine. Standardized procedures are being applied by SCS to lands with intermixed cover and by FS to primarily forested lands. The States of Vermont and New Hampshire have requested similar inventories.

Based upon the apparent success of the effort in Maine a calendar of proposed agency state-level inventories that would be merged has been prepared. This will allow Agreement agencies to plan for joint participation.

California.--FS and SCS are attempting to develop procedures for a joint multi-resource inventory of forest lands in California beginning in 1981. Because of the irregular pattern of land cover and ownership, several alternative approaches are being considered.

Alaska.--An interagency Federal and State group has been organized to deal with a vegetative inventory and classification in Alaska. This group has received Agreement support and encouragement toward cooperative efforts.

MANAGEMENT OF THE AGREEMENT

The maturing of programs under the Agreement and changing emphasis required an updating of the management structure. Beginning in FY 81 Policy Group meetings will be held quarterly. The meeting will be devoted to progress reports and the resolution of policy issues. Results of these meetings will be screened and relevant portions fashioned into progress reports for general consumption. The Program Coordination Group will work more closely with the RET Program and will provide strengthened guidance to Technical Work Groups.

Dates and Locations for Policy Group Meetings

1980

October 30

Washington, D.C.

1981

January 29

Washington, D.C.

April 30

Washington, D.C.

July 30

Fort Collins, CO

October 29

Washington, D.C.

The 1981 Directors Briefing is proposed for September 17.



SOIL CONSERVATION SERVICE

Interagency Agreement Related to Classifications and Inventories of Natural Resources

Purpose

The purpose of this Agreement is to provide for liaison and cooperation between Bureau of Land Management, Fish & Wildlife Service, Forest Service, and Soil Conservation Service in survey, inventory, appraisal, assessment, and planning activities with particular emphasis on renewable resources. Principal objectives of this Agreement will be to provide guidelines and to assure administrative action to minimize duplication and overlapping efforts and to enhance and encourage overall data collection, data sharing, appraisal efficiency, program compatibility, and expedite technology transfer.

In carrying out the terms of this Agreement, each Agency will provide up to two representatives with authority to speak for their Agency Head in activities discussed below under "Area of Responsibility." Other Agencies will be included, as needed, to ensure coordination and communication.

Area of Responsibility

The concerned Agencies, by the formulation of appropriate technical working groups and the prompt resolution of differences, will provide for liaison and cooperation for those activities related to resource inventories, surveys, and monitoring; assessment and appraisal; program evaluation; development of program strategies; preparation of statements of policy; and resource planning. Status reports will be prepared to keep Agency Heads informed of joint activities. Should unresolvable conflicts arise, they will be elevated to the Agency Heads for resolution.

Recognizing that each Agency has different objectives in design, development, and implementation of inventory, assessment/appraisal, and resource planning activities, this Agreement will provide for coordination of the following areas:

1. Land Classification System;
2. data element definitions and units of measure;
3. intensity and subject matter of surveys and inventories;
4. statistical reliability;
5. land-base being inventoried;
6. compatibility for data exchange;
7. compatibility of analytical assumptions;
8. identification of Agency activities;
9. data acquisition procedures--tie to Interagency Remote Sensing Committee;
10. division of responsibilities;
11. criteria for evaluation, sensitivity, and cost-benefit analysis;
12. preparation of needed interagency agreements;
13. involvement and coordination with States;
14. coordination of budgets to avoid duplication and to take advantage of joint opportunities;
15. program evaluation;
16. statements of policy;
17. development of program strategies; and
18. resource planning.

Special Assignments

The Agency representatives will also advise and consult with the Director of the Rocky Mountain Forest and Range Experiment Station on the activities of the Station's Evaluation Techniques Research Program. This will include evaluation of alternative research directions, assignment of priorities and personnel, establishment of technical working arrangements, as needed, and related matters.

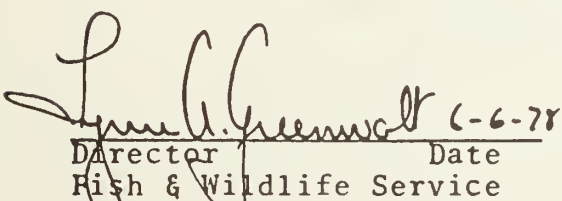

Procedures

The Agency representatives will meet on the last Thursday of each month. Staff from each Agency will participate, as appropriate, on subject items to be coordinated. Existing working relationships and agreements that now exist between the Agencies will not be preempted. Additional working relationships will be established as needed.

The meetings will be chaired alternately by the Agencies. Minutes will be taken of each meeting and distributed to Agency Heads and others as deemed necessary. Additional meetings will be called or regular meetings canceled or rescheduled by mutual agreement of Agency representatives.

This agreement shall be effective on the date of the last signature hereto. Any agency may withdraw from the agreement upon written notice to the others. The agreement may be terminated upon mutual consent of the parties.

	6/6/78		6/6/78
Director	Date	for Chief	Date
Bureau of Land Management		Forest Service	

	6-6-78		6/6/78
Director	Date	Administrator	Date
Fish & Wildlife Service		Soil Conservation Service	

Interagency Agreement Related to
Classification and Inventories of Natural Resources

Effective the date of the last signature hereto the above agreement
is amended to include the United States Geological Survey.

<u>Frank G. G. G.</u>	<u>10/24/78</u>	<u>R. A. Reser</u>	<u>10/26/78</u>
Director	Date	Chief	Date
Bureau of Land Management		Forest Service	

<u>Lynn A. Greenwalt</u>	<u>10-24-78</u>	<u>B. M. Davis</u>	<u>10/25/78</u>
Director	Date	Administrator	Date
Fish & Wildlife Service		Soil Conservation Service	

<u>W. H. H. H.</u>	<u>OCT 24 1978</u>
Acting Director	Date
Geological Survey	

INTERAGENCY AGREEMENT RELATED TO CLASSIFICATION AND INVENTORIES
OF NATURAL RESOURCES

Effective the date of the last signature hereto the above agreement is amended under Procedures to read "The Agency representatives will meet at least quarterly."

ACTG	<u>Ed Hartung</u>	<u>2/2/81</u>	<u>Long Leig</u>	<u>2/5/81</u>	<u>Doyle D. Frederick</u>	<u>2</u>	<u>1981</u>
	Director, Bureau of Land Management	Date	Chief, Forest Service	Date	Director, Geological Survey	Date	

Acting	<u>F. Eugene Hester</u>	<u>2-3-81</u>	<u>Paul E. Upton</u>	<u>4/9/81</u>	Acting for
	Director, Fish and Wildlife Service	Date	Chief, Soil Conservation Service	Date	

ATTACHMENT 2

Interagency Agreement for Classifications and
Inventories of Natural Resources
Addresses and Phone Numbers

INTERAGENCY POLICY GROUP

Address	Name	Phone number
Bureau of Land Management Department of the Interior 18th and C Street, NW Washington, DC 20240	Delmar D. Vail	(202) 343-4476
Bureau of Land Management Department of the Interior 18th and C Street, NW Washington, DC 20240	(Vacant)	(202) 343-7205

Fish & Wildlife Service Interior Building Washington, DC 20240	Michael J. Spear	(202) 343-4767
Fish & Wildlife Service Interior Building Washington, DC 20240	F. Eugene Hester	(202) 343-5715

Forest Service-USDA P.O. Box 2417 Washington, DC 20013	J. Lamar Beasley	(202) 447-4071
Forest Service-USDA P.O. Box 2417; Rm. 3839 Washington, DC 20013	R. S. Whaley	(202) 447-2747

Soil Conservation Service-USDA P.O. Box 2890 Washington, DC 20013	Klaus Flach	(202) 447-5195
Soil Conservation Service-USDA P.O. Box 2890 Washington, DC 20013	Thomas N. Shiflet	(202) 447-2587

United States Geological Survey National Center-MS710 Reston, VA 22092	James R. Anderson (deceased)	(703) 860-6344
United States Geological Survey National Center-MS703 Reston, VA 22092	Gene A. Thorley	(703) 860-7471 8-928-0571

INTERAGENCY PROGRAM COORDINATION GROUP

Address	Name	Phone number
Bureau of Land Management Office of Planning, Inventory & Environmental Coordination (202) 18th and C Street, NW Washington, DC 20240	Robert J. Rivers	(202) 343-7417

Fish & Wildlife Service Office of Biological Services 1730 K Street, NW, Rm. 839 Washington, DC 20006	William B. Krohn	(202) 343-4667
Fish & Wildlife Service Office of Biological Services 1730 K Street, NW, Rm. 842 Washington, DC 20006	Robert J. Smith	(202) 343-4667
Fish & Wildlife Service Matomic Building 1717 H Street, NW, Rm 515 Washington, DC 20240	John G. Rogers	(202) 343-7557

Forest Service-USDA P.O. Box 2417 Washington, DC 20013	Adrian L. Haught	(202) 447-7401
Forest Service-USDA P.O. Box 2417 Washington, DC 20013	Charles C. Van Sickle	(202) 447-3734
Forest Service-USDA P.O. Box 2417 Washington, DC 20013	Lloyd J. Lundeen	(202) 447-6637

Soil Conservation Service-USDA P.O. Box 2890 Washington, DC 20013	Keith O. Schmude	(202) 447-8578

United States Geological Survey National Center-MS710 Reston, VA 22092	Richard L. Kleckner	(703) 860-7796 FTS-928-7796

STATE REPRESENTATION

<u>Address</u>	<u>Name</u>	<u>Phone number</u>
National Governors Association Hall of States 444 N. Capitol Street Washington, DC 20001	Peggy Harwood	(202) 624-7727

OTHER PARTICIPANTS

Heritage Conservation and Recreation Service Pension Building 440 G Street, NW Washington, DC 20243	Robert A. Ritsch	(202) 343-4278
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Water and Power Resource Service Operations and Maintenance Policy Staff Attn Code 422 Washington, DC 20240	Terrance Cooper	(202) 343-5204
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MEMBERS OF TECHNICAL WORK GROUP AND SUBGROUPS

Site (Land) Classification Work Group

Members: No Chairperson

Richard Witmer, USGS

James R. Anderson, USGS

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